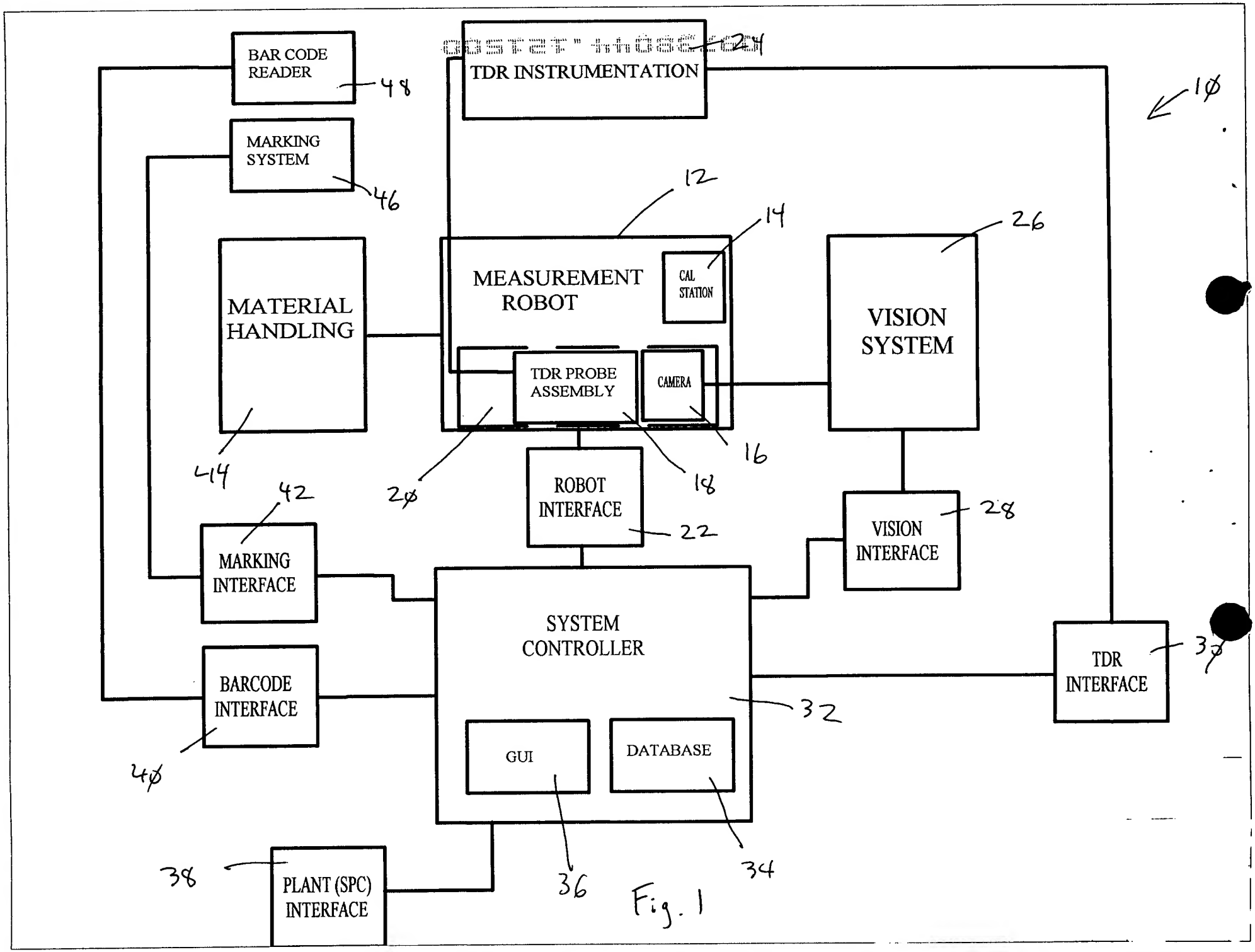

BAR CODE READER
48
TDR INSTRUMENTATION
24
10
MARKING SYSTEM
46
12
14
26
MATERIAL HANDLING
MEASUREMENT ROBOT
CAL STATION
VISION SYSTEM
TDR PROBE ASSEMBLY
CAMERA
16
44
20
18
ROBOT INTERFACE
22
42
28
MARKING INTERFACE
VISION INTERFACE
SYSTEM CONTROLLER
30
TDR INTERFACE
BARCODE INTERFACE
32
40
GUI
DATABASE
38
PLANT (SPC) INTERFACE
36
34

Fig. 1

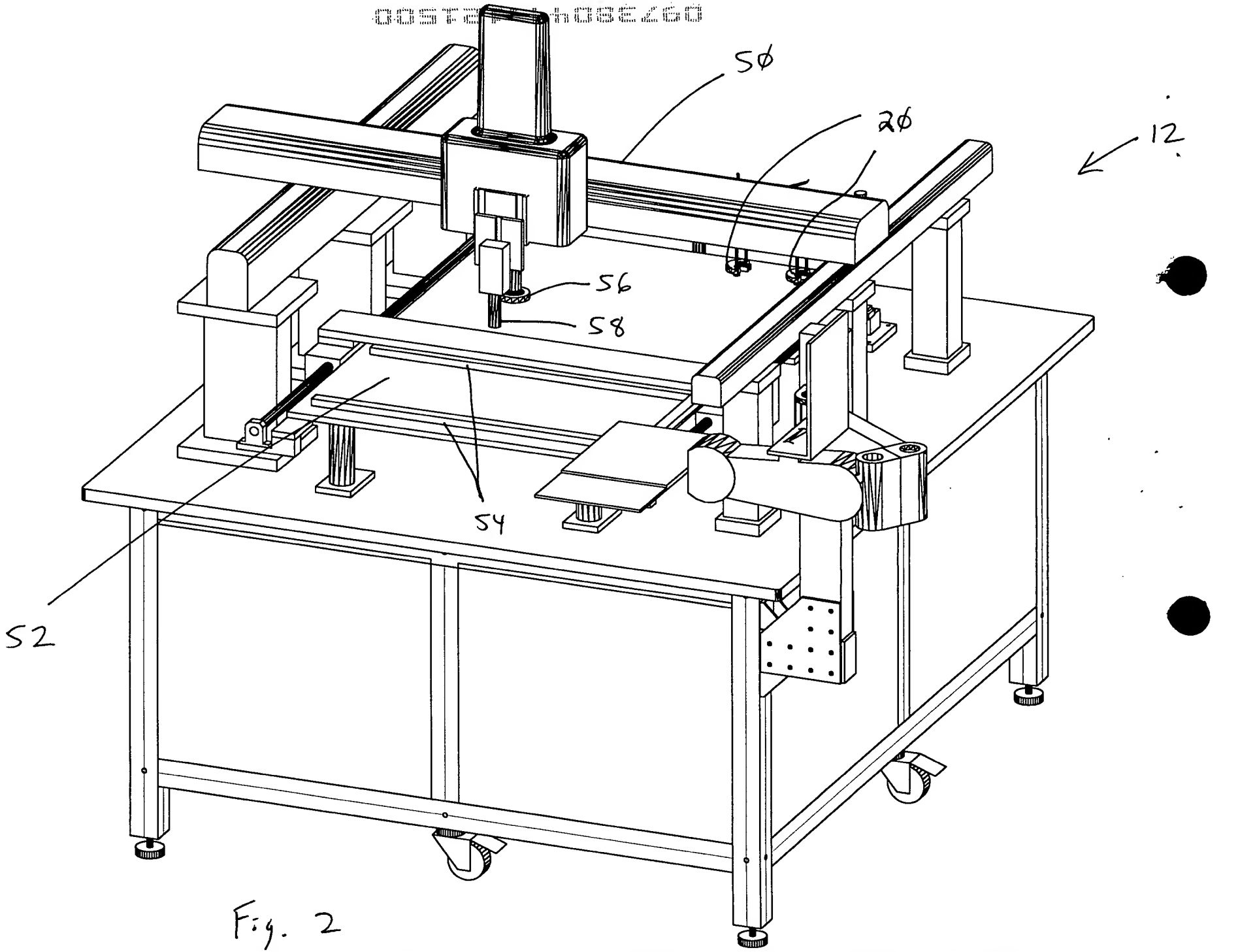


Fig. 2

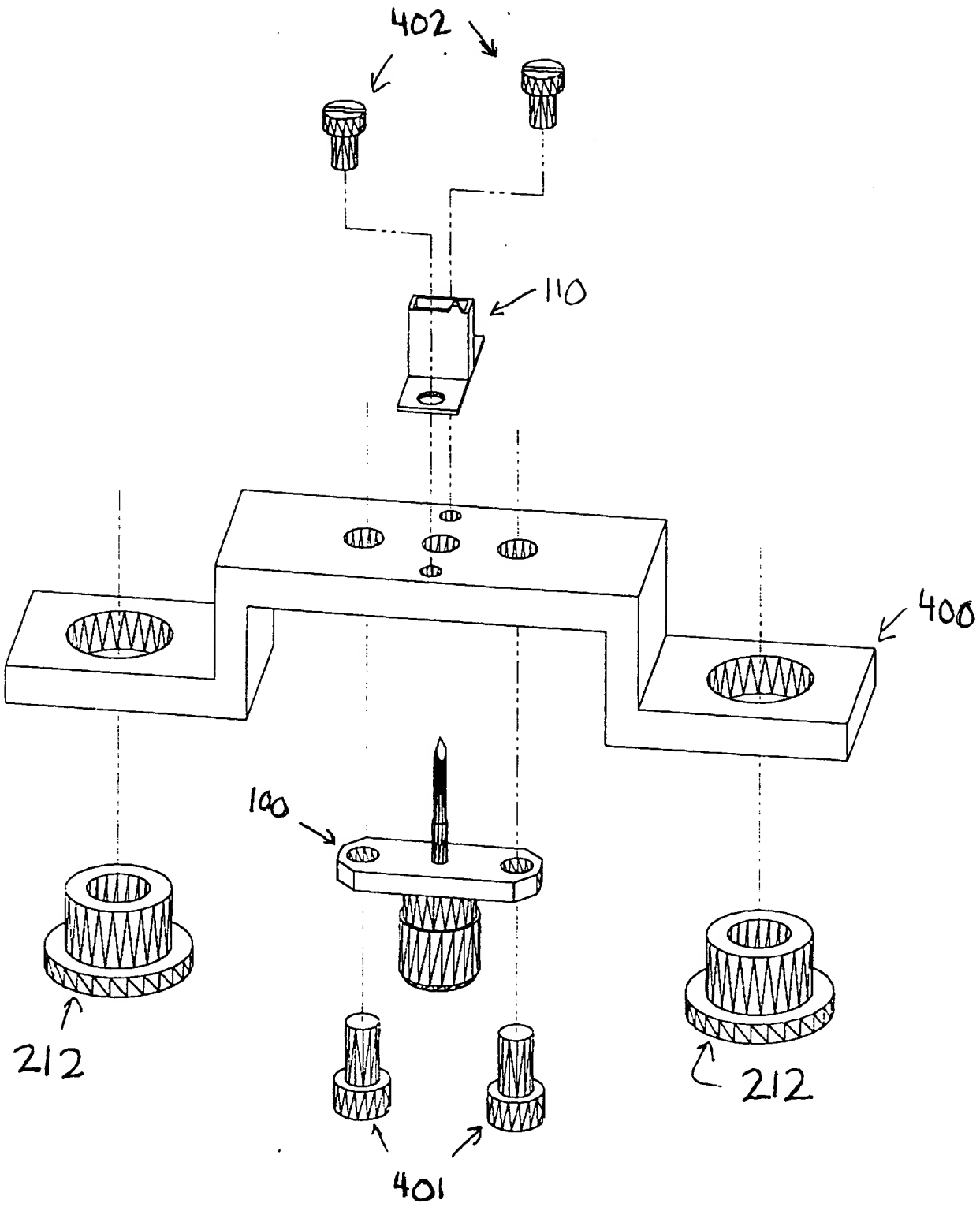


Fig. 3

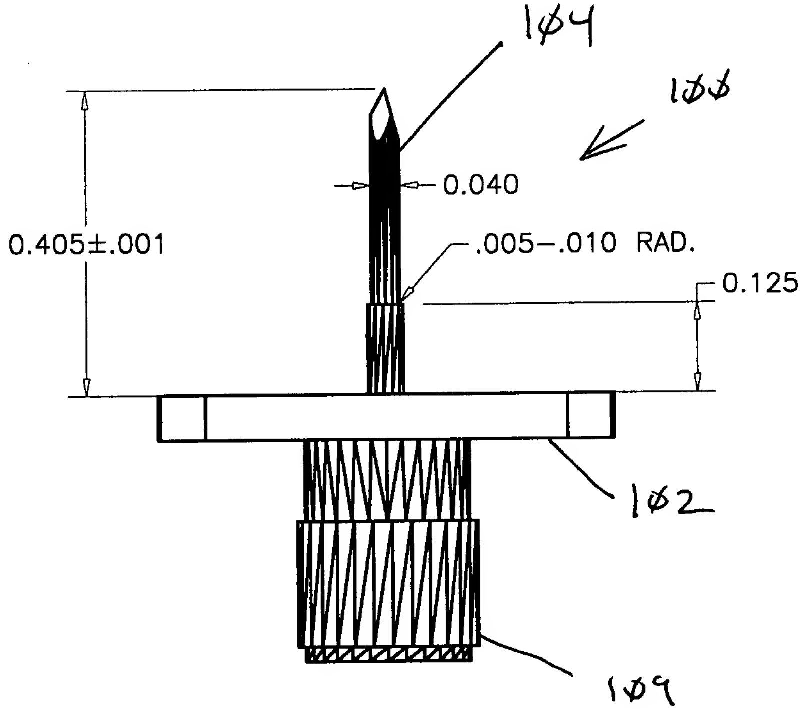

104
100
0.040
0.405±.001
.005–.010 RAD.
0.125
102
109

Fig. 4(a)

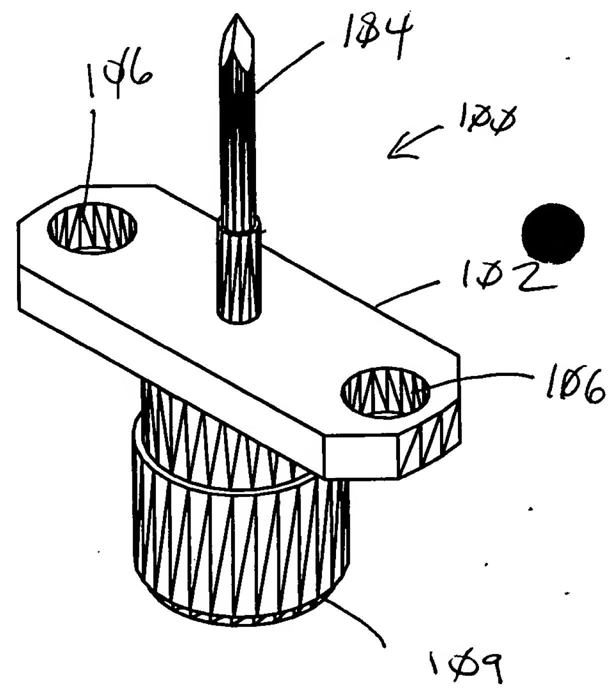

106
184
100
102
106
109

Fig. 4(b)

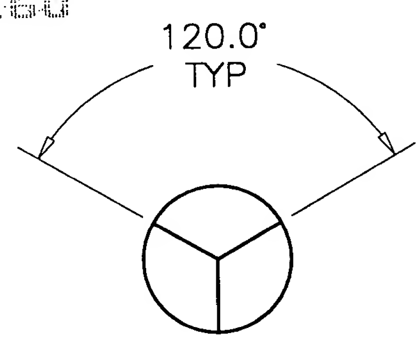


Fig. 4(e)

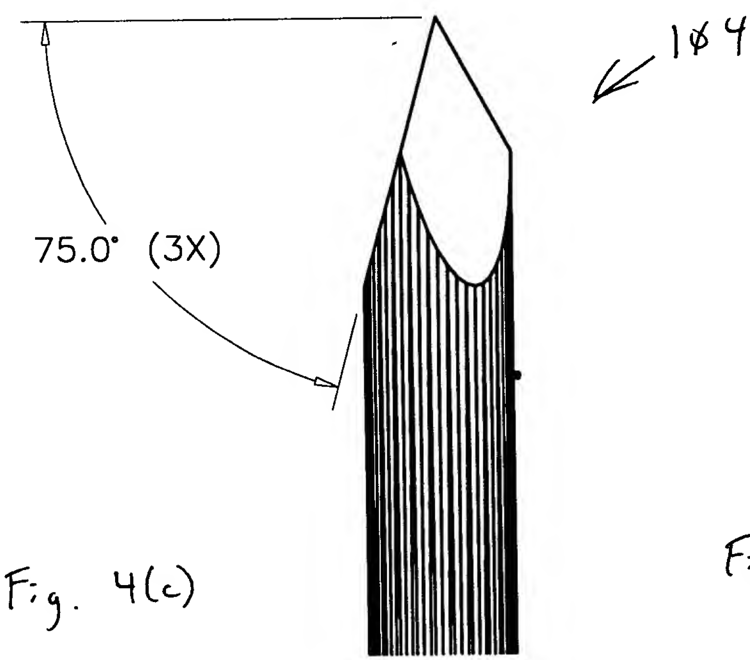


Fig. 4(c)

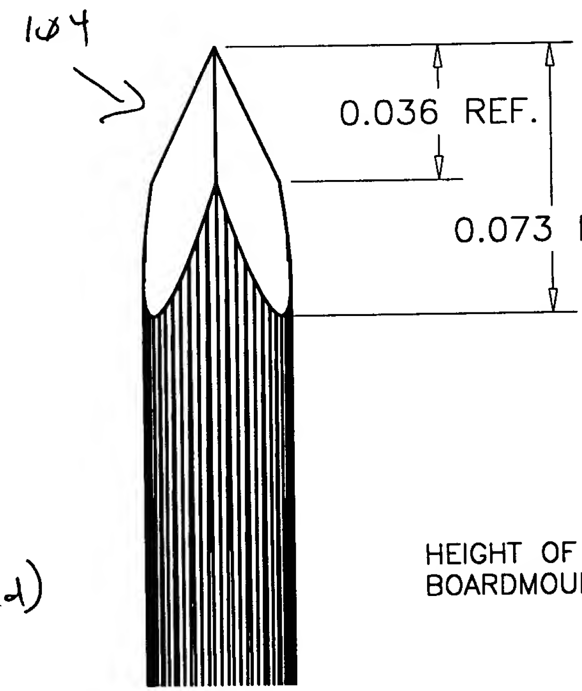


Fig. 4(d)

HEIGHT OF PROBE TO
BOARDMOUNT: .550 MIN.

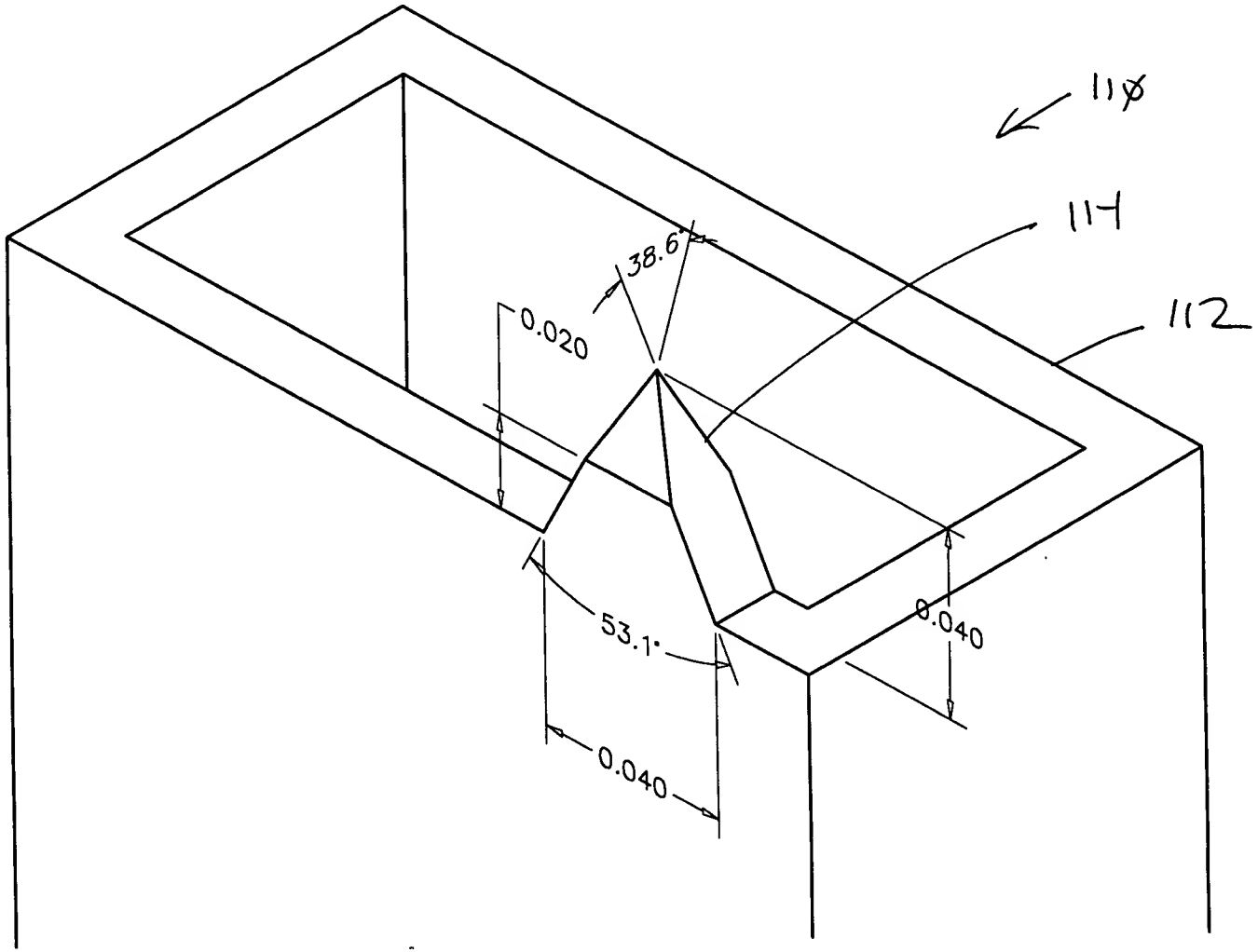


Fig. 5(a)

GROUND NIB MUST HAVE KNIFE EDGES

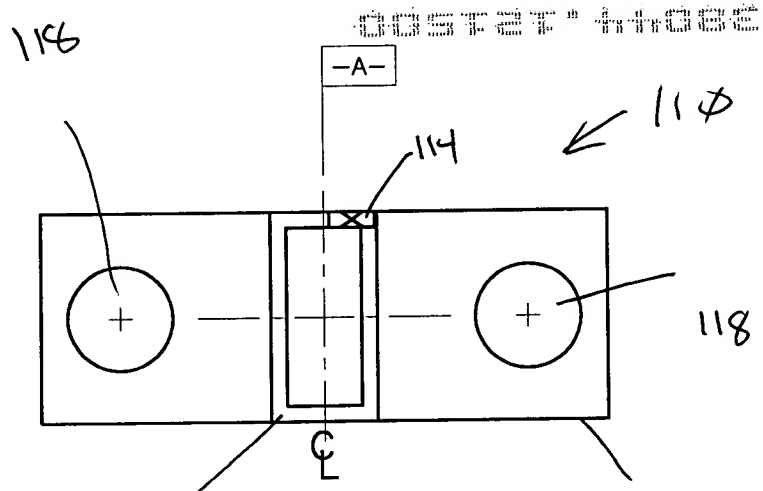


Fig. 5(b)

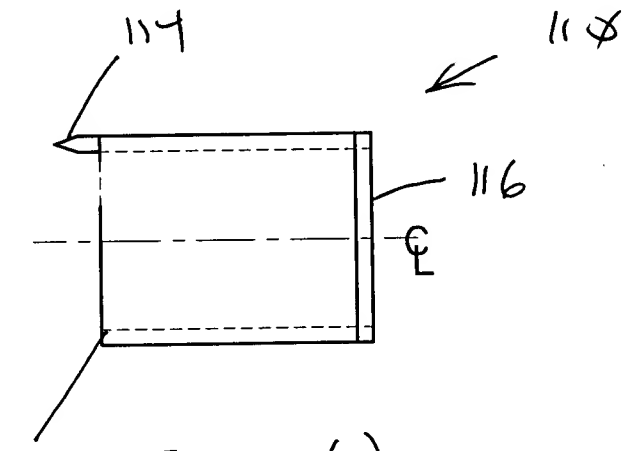


Fig. 5(a)

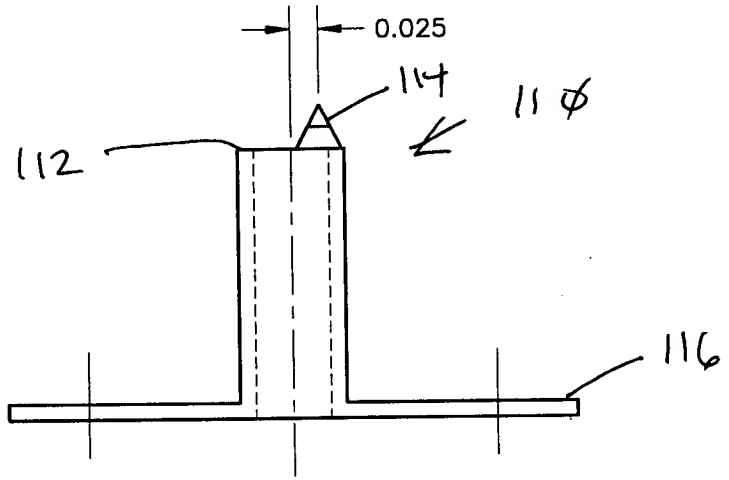


Fig. 5(c)

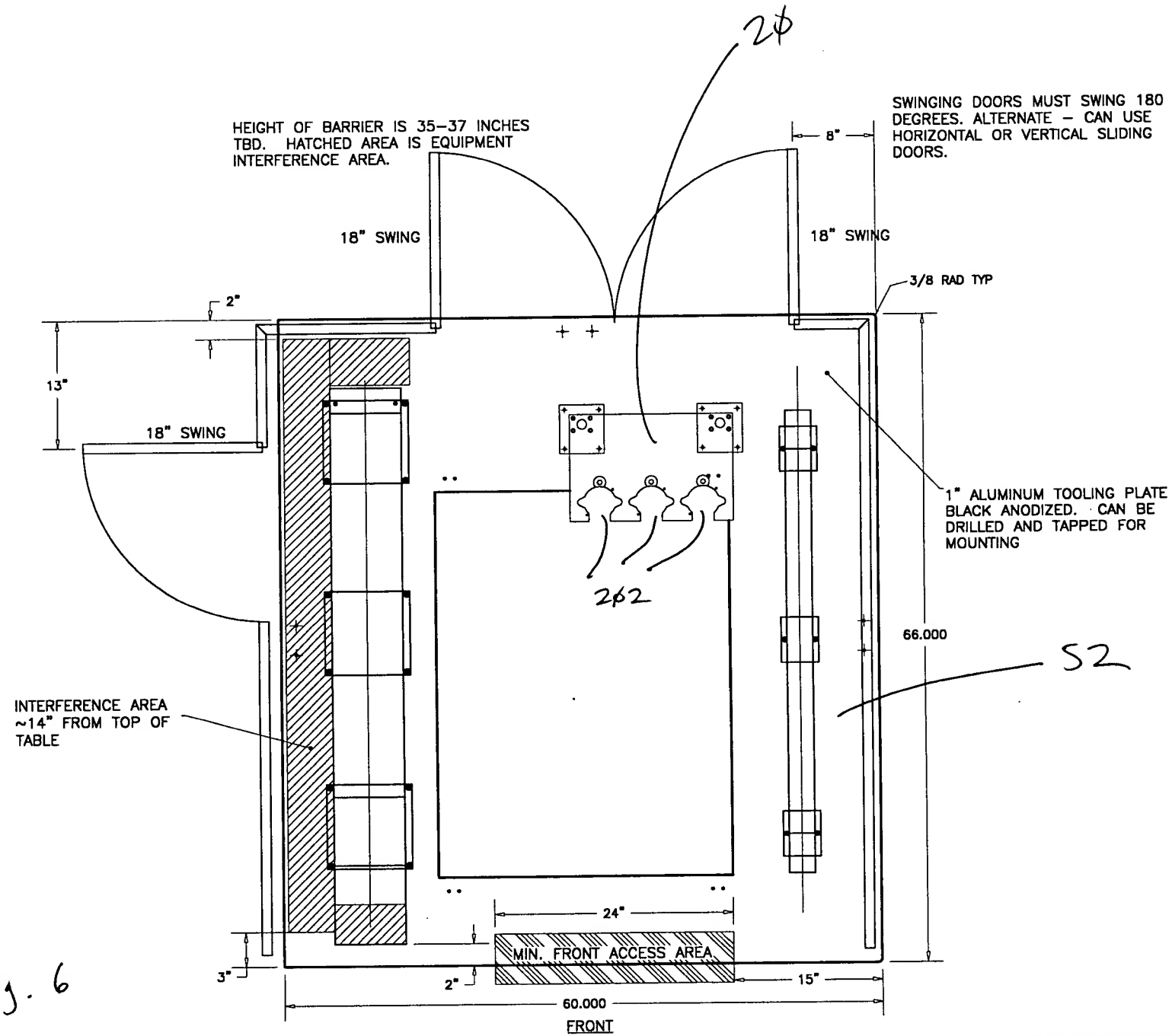

2ϕ
HEIGHT OF BARRIER IS 35–37 INCHES TBD. HATCHED AREA IS EQUIPMENT INTERFERENCE AREA.
SWINGING DOORS MUST SWING 180 DEGREES. ALTERNATE – CAN USE HORIZONTAL OR VERTICAL SLIDING DOORS.
8"
18" SWING
18" SWING
3/8 RAD TYP
2"
13"
18" SWING
1" ALUMINUM TOOLING PLATE BLACK ANODIZED. CAN BE DRILLED AND TAPPED FOR MOUNTING
2ϕ2
66.000
52
INTERFERENCE AREA ~14" FROM TOP OF TABLE
24"
MIN. FRONT ACCESS AREA
3"
2"
15"
60.000
FRONT

Fig. 6

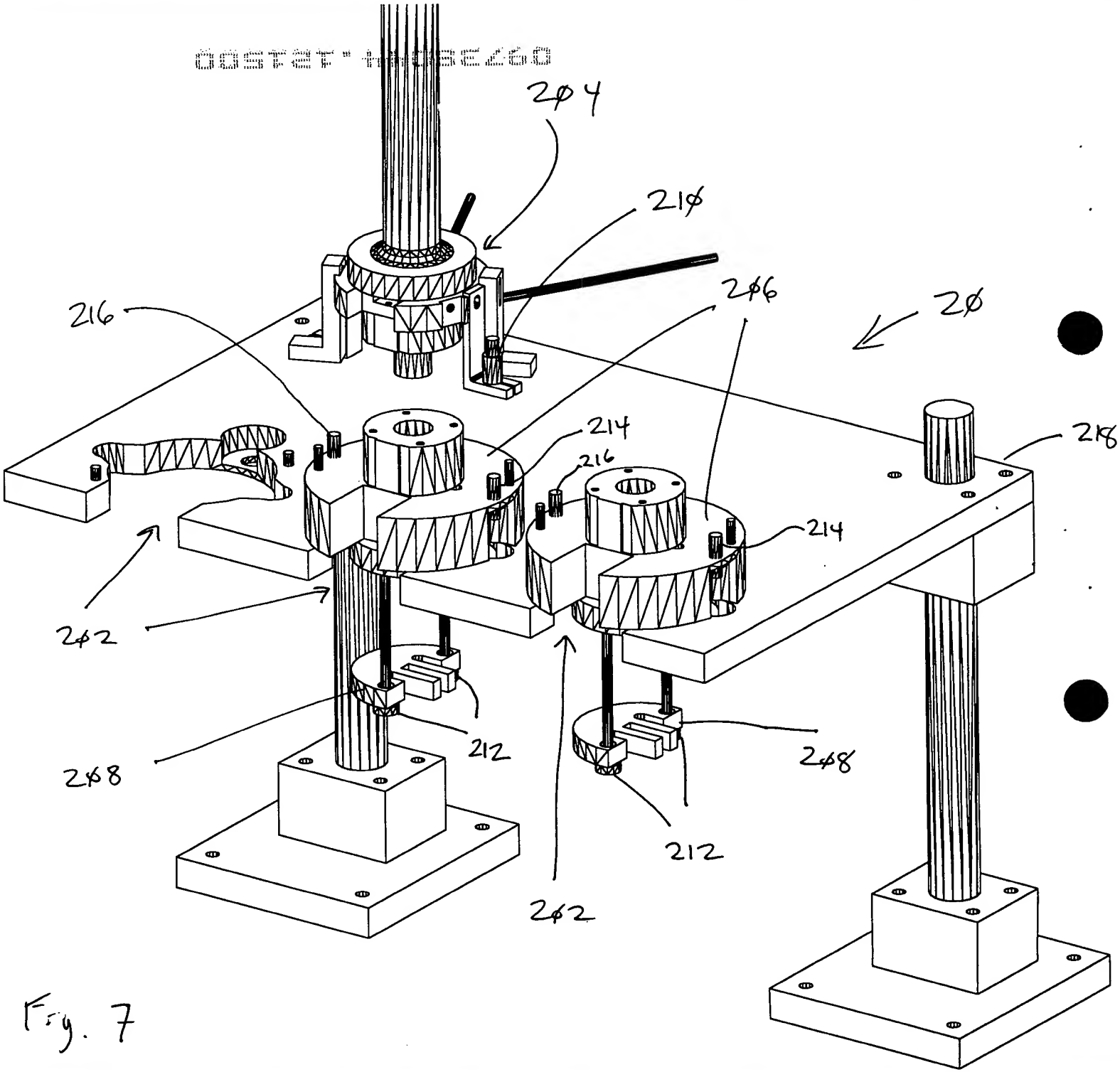


Fig. 7

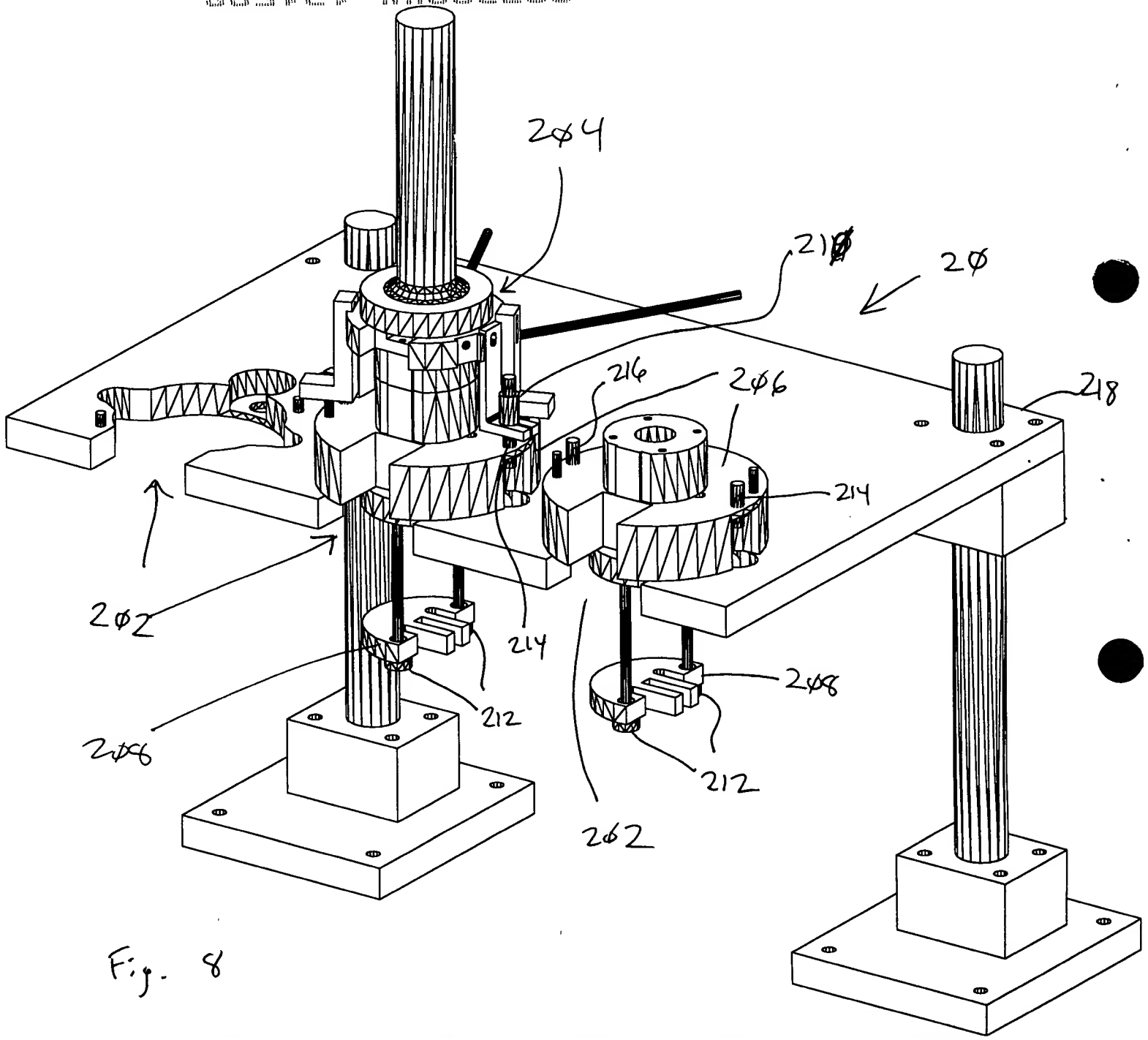


Fig. 8

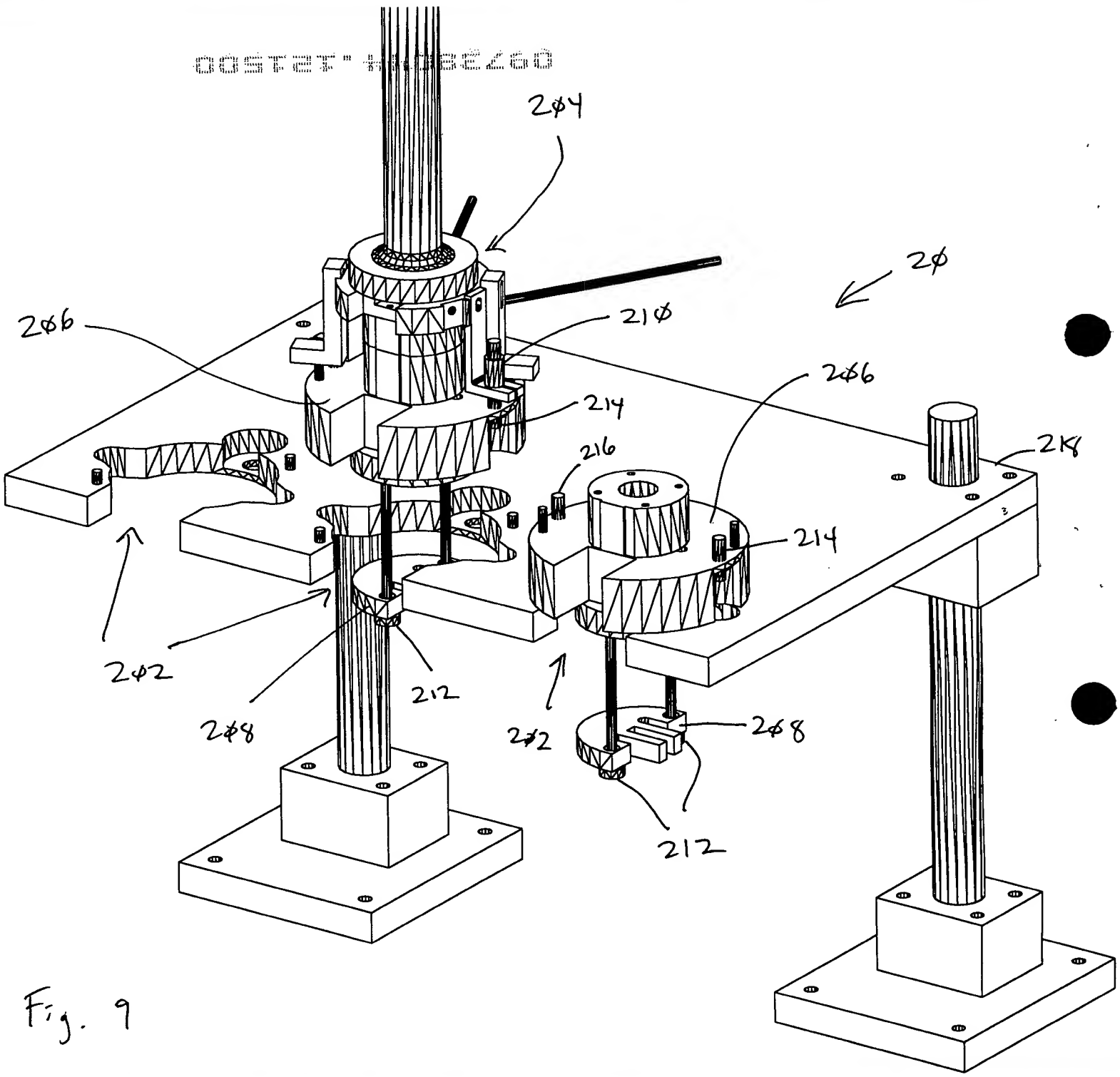


Fig. 9

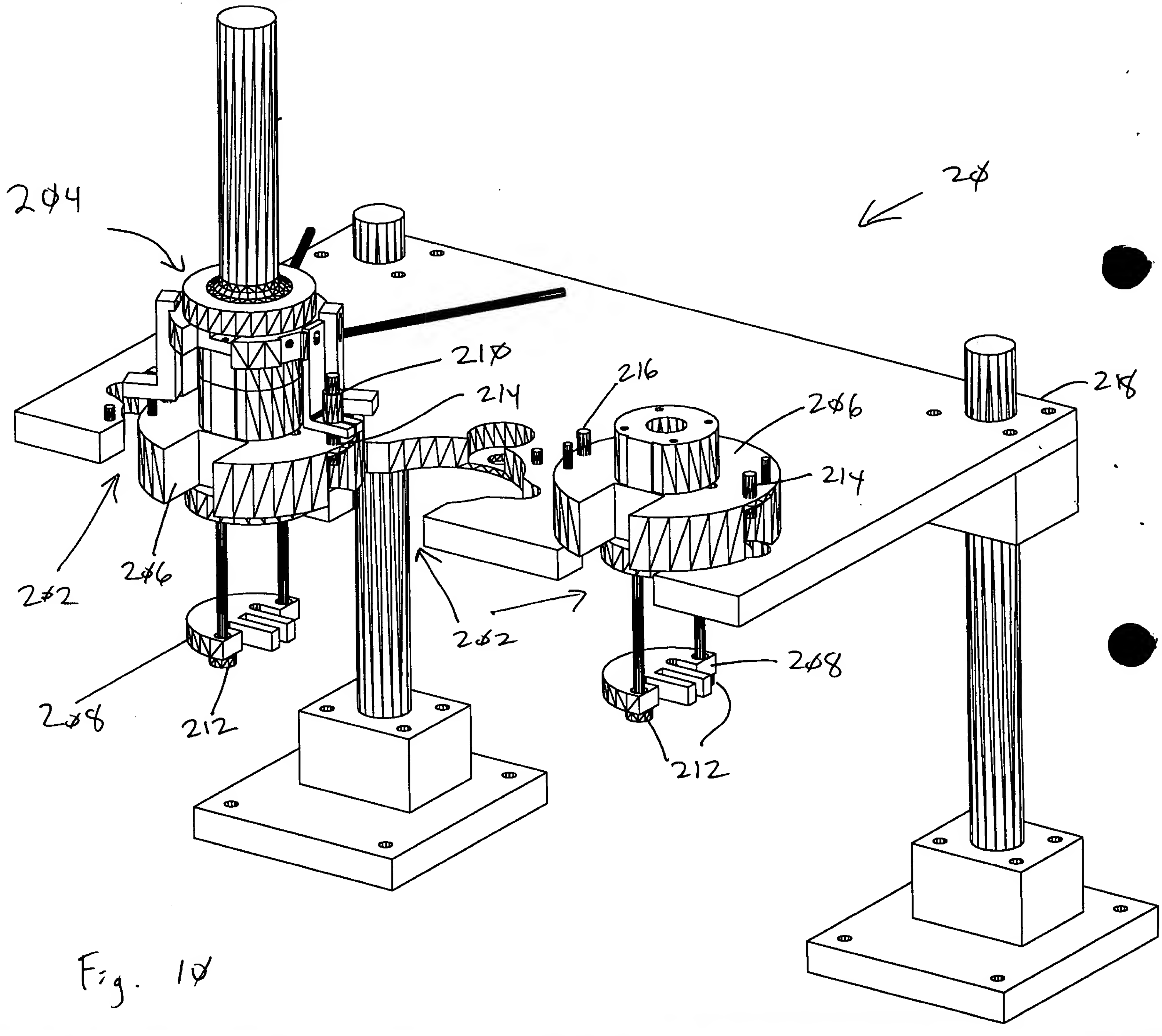
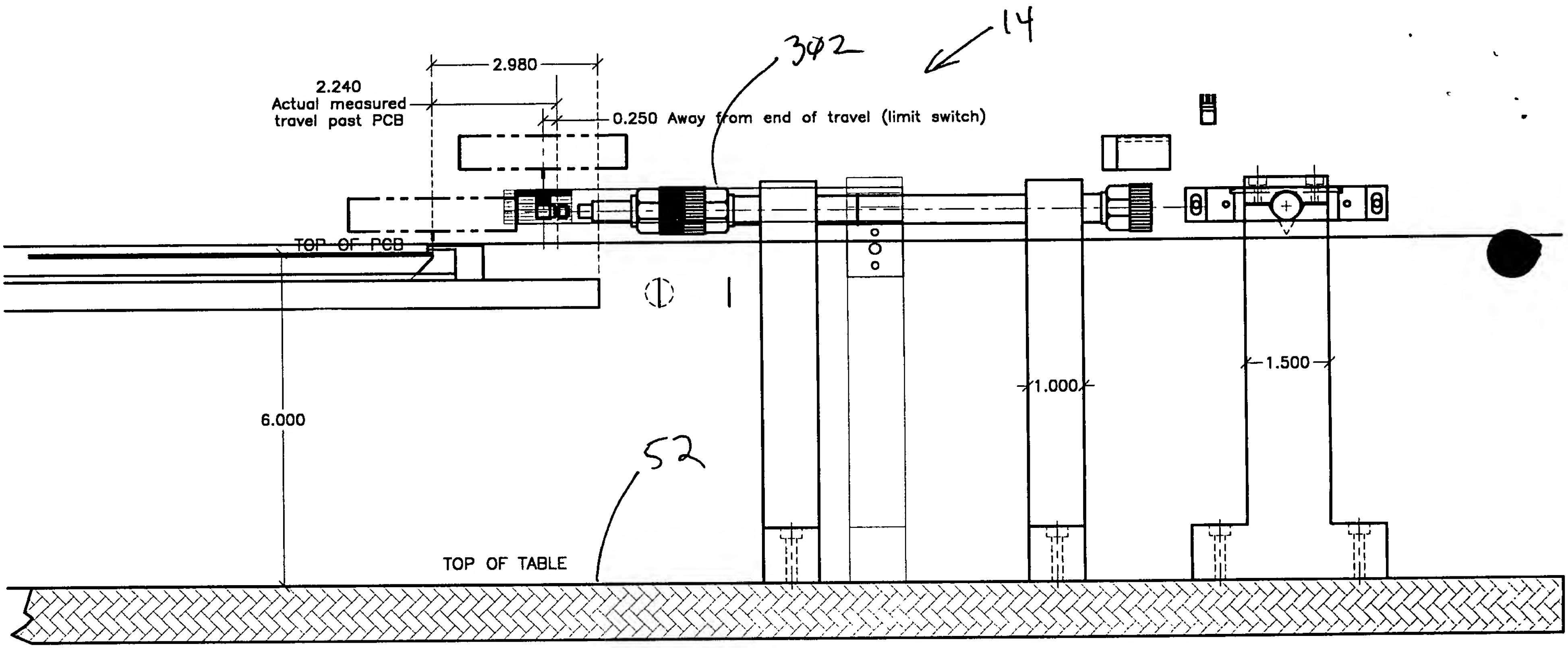


Fig. 10

Fig. 11



2.980
2.240
Actual measured
travel past PCB
0.250 Away from end of travel (limit switch)
302
14
TOP OF PCB
6.000
1.000
1.500
52
TOP OF TABLE